



The Newsletter of  
the Texas Chapter of  
the American  
Fisheries Society



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## 2003 TCAFS ANNUAL MEETING UPDATE

by  
President-elect Gary Garrett

This 2003 meeting will be held on January 27-29 in Galveston and hosted by Moody Gardens. For those of you who have been there before, you know what a great setting it will be. For those of you who have not – ya gotta see it! Certainly, Galveston provides lots of things to do, great places to eat, etc. At Moody Gardens alone you have an IMAX 3D theater, IMAX Ridefilm theaters, Discovery Museum, the Rainforest Pyramid and the Aquarium. Bring the family and have fun.

We purposefully scheduled the meeting to be the day after Super Bowl, so we will start with Continuing Education and registration on Monday. We are also working to set up a tour of the NMFS turtle project on Monday afternoon. On Monday night the Moody Gardens Aquarium will host the reception. On Tuesday the meeting will begin with a symposium on “Recent Advances in Marine Fisheries Research”. The remainder of Tuesday and Wednesday morning will be paper

and poster sessions and Tuesday night will be the banquet and auction – all to be held at the Moody Gardens Hotel.

The hotel is providing a special rate for the meeting, so identify yourself as part of the TCAFS meeting. A block of rooms will be held until January 6<sup>th</sup>, but don't wait until the last minute to make your reservation! For reservations call 888-388-8484.

Galveston is a fun place, so come and enjoy the island, the food and of course, the annual meeting.

The TCAFS Annual Meeting Registration Form when completed can be downloaded from the TCAFS home page at [www.sdafs.org/tcafs](http://www.sdafs.org/tcafs) or by contacting Gary Garrett at [gpg@kfc.com](mailto:gpg@kfc.com), or the Newsletter Editor at [maukrobert@hotmail.com](mailto:maukrobert@hotmail.com)

Mail completed registration (1 form per person) and payment to:  
Debbie Wade, TX Chapter AFS Treasurer,  
5550 FM 2495, Athens, TX 75751



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## TCAFS RAFFLE and AUCTION

*By David De Leon*

Calling all members! Calling all members!  
It's time again for all members of the Texas Chapter of the American Fisheries Society to go hit the pavement and start soliciting goods and services for the annual auction and raffle. Donation letters will be mailed out to past contributors, but we still need all members to be our local contacts. Proceeds from the annual auction allow the chapter to provide scholarships and travel funds for deserving students in fisheries and wildlife. Handmade crafts, prints, outdoor equipment, and guided hunting and fishing trips have always been particularly popular, but small items such as lures, t-shirts, caps etc. are just as important for the raffle. If you are able to organize or donate a product or service, please contact David De Leon (806-655-4341, email [ddeleon@cox-internet.com](mailto:ddeleon@cox-internet.com)) or Brian Van Zee (915-651-5556, email [brian.vanzee@tpwd.state.tx.us](mailto:brian.vanzee@tpwd.state.tx.us)) and we can get you a copy of the donation letter to present to potential contributors. If every member can go out and solicit at least one item, we can make this the best auction and raffle ever.

## Continuing Education

by  
Spencer Dumont

Continuing education this year will feature training on Aquatic Nuisance Species--Hazard Assessment Critical Control Point (ANS-HACCP). The presenter hopefully will be Douglas Jensen from the University of Minnesota Sea Grant Program. The workshop teaches an approach to evaluate risks of spreading nuisance species and identify areas where the risk can be minimized or eliminated. With Texas' history of nuisance species, this workshop will be very beneficial and informative to students and professionals alike.

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## Texas Chapter of the American Fisheries Society

### Call for Papers

All aquatic resources professionals, educators, students, and industry personnel are invited to submit abstracts for the technical or poster session of the 2003 TCAFS meeting scheduled for 27-29 January 2003 in Galveston, Texas. The deadline for submission of abstracts is November 1, 2002.

Please send abstracts by email attachments or on 3.5-inch diskettes in MS Word format to Tim Bonner (Email: [Tbonner@swt.edu](mailto:Tbonner@swt.edu); Mailing: Southwest Texas State University, Department of Biology/Aquatic Station, San Marcos, Texas 78666) or Aaron Barkoh (Email: [aaron@krc.com](mailto:aaron@krc.com); Mailing: Texas Parks and Wildlife, HC 7 Box 62, Ingram, Texas 78025).

Abstracts must follow the format below:

**Title:** Brief but descriptive

**Authors:** List all authors, their mailing addresses, telephone numbers, and email addresses. Underline speaker's name.

**Abstract:** Informative yet not more than 200 words and double-spaced.

**Discipline/Interest:** Indicate the appropriate area of study. Example: Fisheries Management, Fish Culture/Hatchery Management, Human Dimension, Ecology, etc.

**Presentation:** Indicate Oral, Preferably Oral (but will accept poster presentation), or Poster Presentation.

**Visual Aid:** Indicate Slide Projector or Computer Presentation.

**NOTE:** Oral presentations are limited to 15 minutes; the recommended format is a 12-minute presentation followed by a 3-minute question-and-answer period. Slide projector for 2x2 slides and LCD projector and PC for PowerPoint Presentations will be provided.

## AFS/EPA 2002 Forum on Contaminants in Fish

The 2002 Annual National Forum on Contaminants in Fish, cosponsored by EPA and the American Fisheries Society, will be held this October 20-22, 2002 in Burlington, Vermont. More information will be coming soon to the AFS site and the EPA website. You can learn about other related meetings and conferences by clicking on Current News and Events on the EPA website at <http://map1.epa.gov/html/newsletter.htm>.

### 4th Annual Ecological Integration Symposium

The 4th Annual Ecological Integration Symposium at Texas A&M University - "Natural History and Modern Conservation". The symposium hosts six speakers at a one-day forum for discussion and dissemination of current trends and perspectives in ecology, evolutionary biology, and related fields. This year's theme addresses the history, future direction, and challenges of the conservation of biological diversity. Of particular interest is the relationship of modern conservation ecology to traditional ideologies in natural history. Symposium will be at the Presidential Conference Center at Texas A&M University, College Station, TX on Saturday, February 22, 2003. Registration is FREE. For more information and to pre-register, visit: <http://eco-symposium.tamu.edu/eco-home.htm>. Contact: [ecological-symposium@wfsc.tamu.edu](mailto:ecological-symposium@wfsc.tamu.edu)



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## Division Southern Symposium Abstracts Wanted

The Southern Division AFS Reservoir Committee is currently compiling presentations for a symposium at the Southern Division Meeting on February 12-16, 2003 in Wilmington, North Carolina. The symposium is entitled "Potential Impacts of Catch-and-Release Angling on Growth and Size Structure of Reservoir Sportfishes". The purpose of the symposium is to evaluate how length limits and voluntary catch-and-release angling have influenced fish growth, mortality, and size structure. We are looking for presentations that have showed changes in fish population characteristics in response to either use of harvest restrictions or increased prevalence of voluntary catch-and-release angling. Length-limit evaluations that show changes in size structure and growth rates would be welcome. Long-term data sets that relate creel survey information (e.g., voluntary release rates, harvest estimates) to changes in fish population characteristics are encouraged. Species of interest in the symposium include but are not limited to: black basses, crappies, walleye, Morone, maybe even trout, etc. Angler surveys that address catch and release behavior should be included.

It is time to get this effort started. Please submit a title and authors with an **abstract by 1 November** if you are interested in participating in this symposium. We hope to make this a lively and informative session. Thanks in advance for your help. Mike Alexander and Mike Allen; Southern Division AFS Reservoir Committee;

Submit abstracts to Mike Alexander at [michael.c.alexander@sas02.usace.army.mil](mailto:michael.c.alexander@sas02.usace.army.mil)

If you have questions please call 1-800-944-7207 ext. 3408

<<http://www.sdafs.org/reservoir/reservoir1.htm>>

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## New Book Releases from AFS

By  
Hannelore Quigley

### Catch and Release in Marine Recreational Fisheries

Jon A. Lucy and Anne L. Studholme, editors

Catch and release fishing has a long history in freshwater recreational fisheries, as a management tool to reduce the impact of fishing on fish populations. Aside from regulatory requirements, freshwater anglers have long practiced catch and release fishing in the interests of promoting conservation-oriented angling. However, in comparison to freshwater, catch and release fishing in marine fisheries is proving more difficult to define relative to its full impact on anglers and use as a fishery management tool. This symposium proceeding brings together information from researchers, fishery managers, coastal resource management and conservation organizations, and angling community leaders, addressing the issues that have arisen in relation to recreational fishing. Includes sections on: · Release Mortality and Circle Hooks · Stress Effects Related to Catch and Release · Conventional and Ultrasonic Tagging Studies · Angler Attitudes and Behavior · Management Issues AFS Symposium 30 275 pp., hardcover, August 2002 Stock Number: 540.30 List price: \$50 AFS member price: \$35 ISBN 1-888569-30-1

### Biological Indicators of Aquatic Ecosystem Stress

S. Marshall Adams, editor

This book is a practical guide to the use of biocriteria for assessment of the effects of environmental stressors on aquatic ecosystems and organisms, especially fish. Written by scientists who are the best in their fields, this book provides helpful information for designing and applying bioindicators in the field to reliably assess the health of aquatic organisms and ecosystems. This volume may be used as a manual for scientists, students, and others, in a variety of disciplines and applications. Includes chapters on: · Biochemical Responses as Indicators of Aquatic Ecosystem Health · Genetic Responses as Population-Level Biomarkers of Stress in Aquatic Ecosystems · Reproductive Indicators of Environmental Stress in Fish · Integration of Population, Community, and Landscape Indicators for Assessing Effects of Stressors · Statistical Considerations in the Development, Evaluation, and Use of Biomarkers in Environmental Studies 656 pp., August 2002 Stock Number: 550.37C / 550.37P List Price: \$89 hardcover / \$62 paper AFS member price: \$69 hardcover / \$48 paper ISBN# hardcover: 1-888569-28-X ISBN# paper: 1-888569-43-3



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## Fisheries in a Changing Climate Nature

A. McGinn, editor

Representing the culmination of a very successful multi-agency effort organized by AFS, Sea Grant and others, this book brings together papers from scientists from US and Canadian governmental agencies and universities to discuss fisheries and climate change. This comprehensive, state-of-the-art volume is a valuable resource for anyone with an interest in the topic, and will serve as a guide to those continuing to study the future of fisheries in a changing climate. Highlights include:

- Cutting-edge research on the impacts of climate change and variability on marine and freshwater fisheries.
- Reviews of recent climate impact fisheries research
- Stakeholders' Forum on Fisheries and Climate Change report
- A comprehensive bibliography of recent journal articles on the influences of climate change and variability on fisheries.

AFS Symposium 32 319 pp., paper, August 2002 Stock #: 540.32 List price: \$60 AFS member price: \$42 ISBN# 1-888569-40-9

To order any or all of the above mentioned new book releases, please contact AFS using one of the following four methods:

Online: [www.fisheries.org/cgi-bin/hazel-cgi/hazel.cgi](http://www.fisheries.org/cgi-bin/hazel-cgi/hazel.cgi)

Phone: (678) 366-1411

Fax: (770) 442-9742

Email: [afspubs@pbd.com](mailto:afspubs@pbd.com)

## AFS 2002 Annual Meeting Report

More than 1,600 fisheries scientists and professionals met in Baltimore, Maryland, for the American Fisheries Society Annual Meeting. From all disciplines and geographies, attendees came to hear the current state of the art in fisheries science and management, to sample the great fare of the Chesapeake Bay, to enjoy the proximity to Washington, DC, and simply to meet each other, renew old acquaintances and friendships, and to hear that their Society is thriving with many new, and exciting projects. The first phase of Fisheries InfoBase was demonstrated at the meeting as well as half a dozen new books that AFS has published in the past few months.

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## Fisheries Awards Call for Nominations

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Do you know someone who deserves to be recognized for outstanding work in Fisheries? The Texas Chapter AFS awards committee would like to hear about this individual or group. Nominations based on the following criteria should be submitted electronically via the TCAFS web site (online form available) or sent to Bart Durham by **December 15** at:

Texas Tech University  
Wildlife and Fisheries Management  
Institute  
Box 42125  
Lubbock, TX 79409-2125  
Phone (806) 742-1981, Fax (806)

742-2280

E-mail = [bart.w.durham@ttu.edu](mailto:bart.w.durham@ttu.edu)

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Each year nominations are solicited for Special Recognition and Outstanding Fisheries Worker of the Year in seven (7) categories: Administration, Culture, Education, Management, Research, Technical Support, and Fisheries Student.

## AWARD CRITERIA

### Outstanding Fisheries Worker of the Year

- Nominations can be made only by members in good standing.
- The recipient must be a member in good standing.
- The award is based on fisheries-related work accomplished in Texas and can span more than one year.
- The worker may not be on the Awards Committee.





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## Administration

- 1) Development of innovative management programs, research activities, or facilities that significantly affect fisheries management and conservation on a regional or statewide level.
- 2) Leadership in implementation of regulations or management programs that address regional or statewide fisheries issues.
- 3) Development of new sources of funding for fisheries programs.
- 4) Leadership in the development of public outreach or recognition/award programs.
- 5) Significant and effective promotion of fisheries management and conservation activities on a regional or statewide level.

## Culture

- 1) Development of techniques that produce fish more safely, more efficiently, or more economically.
- 2) Development of methods that produce species not formerly cultured.
- 3) Development of procedures that produce more fish.
- 4) Participation in the development of equipment that benefited fish culture.
- 5) Promotion of fish culture.
- 6) Participation in the production of a record number of fish (may be station- or species-specific).

## Education

- 1) Development of an innovative approach to fisheries education as illustrated through development of a new or revised course or curriculum.
- 2) Publication of a journal article, extension publication, book, or book chapter that contributed significantly to fisheries education.
- 3) Contribution of notable service in public education programs.
- 4) Development of educational media (software, videotape, slide-tape, etc.) that contributed significantly to fisheries education.
- 5) Outstanding contributions to the profession through service as an officer or other leader of an educational

organization ((e.g., the Education Section of the American Fisheries Society).

## Management

- 1) Development of management plans or strategies or implementation of management practices (reservoir or pond management plans, pre-impoundment work, habitat work, development of urban fisheries). This would include private water work.
- 2) Education of the public in areas of fishing or fisheries management (conducting fishing clinics, educational programs, contact with various media, development of brochures, newsletters, bulletin boards, fliers, popular articles, etc.).
- 3) Coordination with different agencies (cities, counties, or federal government) or reservoir controlling authorities to develop or implement management strategies.
- 4) Participation in professional scientific organizations in the fisheries field to include offices held, committees served on, or other activities accomplished for the organization.

## Research

- 1) Research contribution should add to the understanding of a biological problem or to solving a resource problem.
- 2) Research contribution can be basic, applied, or a combination.
- 3) Research contribution should have been disseminated, in order of importance, in a peer-reviewed journal, non-peer reviewed publication, or an oral presentation.
- 4) Participation in professional and public organizations in the fisheries research field that comment on, advise, or review research activities.
- 5) In order of importance, the nominee's role in a research project should be directing the project or program, establishing the project or program, analyzing data, or conceiving the project or program.

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## Technical Support

- 1) Development of new or improved design and/or construction of equipment used in field sampling, culture, lab analyses, etc.
- 2) Participation in some outstanding or unique management, research or culture activities which aided the fisheries profession.
- 3) Participation in education programs for fisheries workers or the public.
- 4) Accomplishments resulting in new or improved techniques or efficiency.

## Fisheries Student

- 1) Only Texas Chapter AFS members in good standing can make nominations. All members who have knowledge of student performance or activities are encouraged to make nominations for this award.
- 2) The nominee must be a member in good standing and must be enrolled in, or recently graduated from, a Texas College or University since the last Texas Chapter AFS annual meeting.
- 3) Students can be nominated at any time during their tenure for work spanning single or multiple years, but no later than 12 months after graduation.
- 4) Notable accomplishments by the nominee should include one or more of the following:

Student research which adds to the understanding, or solution, of a fisheries-related problem. Research can be basic or applied in nature, can involve nongame or game species, and need not be conducted in the State of Texas.

Dissemination of research results in, in order of importance, a peer-reviewed publication, thesis or dissertation, non-refereed publication, or an oral presentation.

Involvement in professional organizations, including participation in committees, organizing or moderating a technical session at a professional meeting, or serving in a peer-elected office.

Academic excellence.

Merit-based scholarships or grants.

- 5) Honorable mention may be awarded, for recent graduates only (those who have graduated within 12 months after the last Texas Chapter AFS annual meeting), if more than one nominee is considered Outstanding by the Awards Committee members.
- 6) The award will not be made in any year for which no appropriate candidates are nominated.

## Special Recognition in Fisheries Work

- Nominations can be made only by members in good standing.
- The recipient may or may not be a member.
- The recipient may be an individual or an organization.
- Recognition should be based on fisheries-related work done in the State of Texas, but can span more than one year.
- Work may, but does not have to, fit into the 7 categories listed above.

Members – If you know  
someone that deserves to be  
recognized for their work in  
fisheries, PLEASE take a few  
minutes to nominate them.

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## TEXAS CHAPTER AWARD NOMINATION FORM

### Nominator Information

Name: \_\_\_\_\_

Title & Organization: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

\_\_\_\_\_

### Nominee Information

Name: \_\_\_\_\_

Title & Organization: \_\_\_\_\_

Street Address: \_\_\_\_\_

City / State / Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Award Category: \_\_\_\_\_

\_\_\_\_\_

Please attach an additional page(s), if necessary, that addresses the following:

List the criteria-specific accomplishments of the award nominee;

Provide any other accomplishments of the award nominee that you feel supports your nomination of the candidate for the award selected.

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Return to: Bart Durham, Texas Tech University, Box 42125, Lubbock, TX 79409-2125.





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## What's new at AFS?

Read all about it at <http://www.fisheries.org/WhatsNew.shtml>

The AFS Online Bookstore is a valuable resource for all fisheries and aquaculture related books:

<http://www.fisheries.org/cgi-bin/hazel.cgi/hazel.cgi> AFS Job Center Online (and other employment resources):

<http://www.fisheries.org/jobs.html> Renew your AFS

Membership online at <http://www.fisheries.org/forms.shtml>

Don't forget to browse

featured articles from the latest issue of FISHERIES magazine at: <http://www.fisheries.org/fisheries/fishery.shtml>

## JOIN THE TEXAS CHAPTER

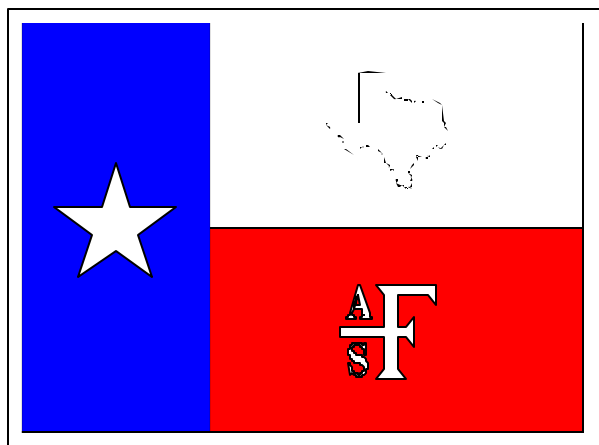
If you are interested in joining or renewing your membership to the Texas Chapter of the American Fisheries Society, you can get membership materials at our web site

<http://www.sdafs.org/tcafs/default.htm> or contact **Dr. Kevin Pope, Box 42125, Texas Tech University, Lubbock, TX 79409-2125, (806) 742-2843, [kevin.pope@ttu.edu](mailto:kevin.pope@ttu.edu)** or the newsletter editor to obtain application information.

### Next Newsletter submission deadline:

**Nov 22, 2002 .....Winter Issue**

Submissions are encouraged. Submit a hard copy or a .TXT file by mail or email to the editor at **[maukrobert@hotmail.com](mailto:maukrobert@hotmail.com)**



### EXECUTIVE COMMITTEE

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PRESIDENT .....

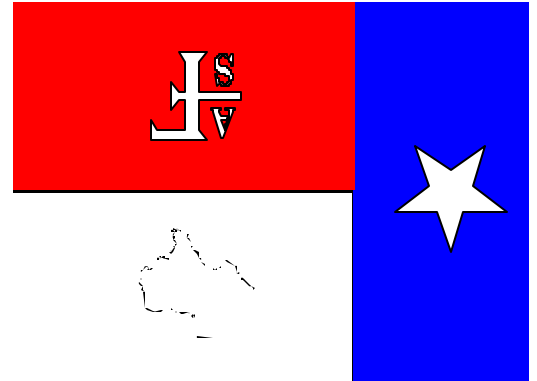
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THE NEWSLETTER  
OF THE  
TEXAS CHAPTER  
OF THE  
AMERICAN FISHERIES SOCIETY



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